

3800 Frederica Street P.O. Box 20008 Owensboro, KY 42304-0008 270/926-8686

July 27, 2009

Kentucky Division of Water Surface Water Permits Branch Permit Support Section 200 Fair Oaks Frankfort, Kentucky 40601

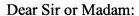
RE:

Texas Gas Transmission, LLC

Midland II Compressor Station

KPDES No. KY0099546

Muhlenberg County, Kentucky



Enclosed is the application for the renewal of the above-referenced permit. Also, enclosed is Check Number 036544 in the amount of \$200.00 in payment of the filing fee.

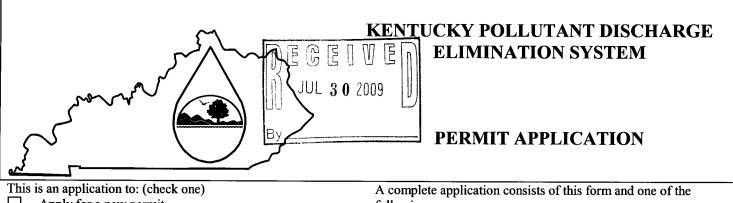
Please call me at (270) 688-6953 or e-mail me at <u>Doug.Webster@bwpmlp.com</u> if you have any questions.

Sincerely,

Doug Webster

Senior Environmental Specialist

# AZ# 44345



This is an application to: (check	one)	A complete applic	cation c	onsist	s of this	form a	and one	of the	
Apply for a new permit.		following:							
Apply for reissuance of ex		Form A, Form B,	Form (	C, Forn	n F, or	Form S	SC		
Apply for a construction p									
☐ Modify an existing permit		For additional in	forma	tion co	ntact:		n 4	•	7
Give reason for modificat	ion under Item II.A.	KPDES Branch	(502)5	<u>64-341</u>	10		CK	•	20
	ND CONTACT INFORMATION	AGENCY USE	$\mathcal{O}$	0	9	9	5	4	0
A. Name of Business, Municipal	ity, Company, Etc. Requesting Pern	nit							
Texas Gas Transmission, LLC		100							
B. Facility Name and Location		C. Primary Mai this address). It	ling Ac nclude o	idress ( wner's :	(all facili mailing :	ty corres <sub>!</sub> address (	pondence ' (if differe	will be s at) in D.	ent to
Facility Location Name:		Facility Contact Na	me and T	Title: M	Ir. 🛛 N	Is.	(	, 2.	
Midland II Compressor Station		Doug Webster							
Facility Location Address (i.e. street, roa	ad, etc., not P.O. Box):	Mailing Address:							
6186 Highaway 70		3800 Frederica Stre							
Facility Location City, State, Zip Code:		Mailing City, State,	Zip Cod	le:					
Bremen, KY 42325		Owensboro, Kentuc							
D. Owner's name (if not the same as in Texas Gas Transmission, LLC	part A and C):	Facility Contact Tel	lephone l	Number:					
Oursel's Mailine Add a 2000 F. d.		270-688-6953							
Owner's Mailing Address: 3800 Frederi Owensboro, KY 42301	ica Street	Owner's Telephone 270-926-8686	Number	(if diffe	erent):				
II. FACILITY DESCRIPTION  A. Provide a brief description of	N  of activities, products, etc: Natural g	gas compressor stat	ion						
B. Standard Industrial Classifica	tion (SIC) Code and Description	- 1990 A	-						
Principal SIC Code &				_					
Description:	4922 - Transmission of Natural G	as							Ì
Other SIC Codes:					i i				
III. FACILITY LOCATION						·			
	vey 7 ½ minute quadrangle map for	the site. (See instru	ictions)	)					
B. County where facility is locate	·	City where facility			applica	hle)·			
Muhlenberg		Bremen	10 1000		шррпс.				
C. Body of water receiving disch Cypress Creek			_						
D. Facility Site Latitude (degrees 37 degrees 18 minutes 20 secon		Facility Site Longi 87 degrees 14 mir				es, seco	onds):		
E. Method used to obtain latitude		USGS Topographi							
F. Facility Dun and Bradstreet N	umber (DUNS #) (if applicable):	06-168-7421							

1

A Type of Ownership:    Publicly Owned   Privately Owned   State Owned   Both Public and Private Owned   Federally owned	IV. OWNER/OPERATOR INFORMAT	TON		
B. Operator Contact Information (See instructions)	A. Type of Ownership:		Doth Dublic and Drive	oto Owned C Endorally owned
Name of Treatment Plant Operators   Telephone Number: NA			J Boul Public and Priva	ate Owned rederany owned
Operator Mailing Address (Street): NA	Name of Treatment Plant Operator:		1 -	
Dependent Mailing Address:   DMR Mailing Address:   DMR Mailing Address:   DMR Mailing Address:   DMR Mailing Address:   Mr. Doug Webster   Mr. Doug Webster   DMR Mailing Address:   Mr. Doug Webster   DMR Mailing Address:   Mr. Doug Webster   Mr. Doug Webster   DMR Mailing Address:   Mr. Doug Webster   DMR Mailing Address:   Mr. Doug Webster   Mr. Doug Webster   DMR Mailing Address:   Mr. Doug Webster   DMR Mailing Address:   Mr. Doug Webster   Mr. Doug Webster   DMR Mailing Address:   Mr. Doug Webster   Mr. Doug Webster   DMR Mailing Address:   Mr. Doug Webster   Mr. Doug	Operator Mailing Address (Street):			
Site operator also the owner?	Operator Mailing Address (City, State, Zip Code):			
Certification Number:   NA	Is the operator also the owner?			yes, list certification class and number below.
V. EXISTING ENVIRONMENTAL PERMITS  Current NPDES Number:  Expiration Date of Current Permit:  Danuary 31, 2010  NA  NA  NA  NA  NA  Which of the following additional Permit #:  Expiration Date of Current Permit:  NA  NA  NA  Which of the following additional environmental permit/registration categories will also apply to this facility?  EXISTING PERMIT WITH NO.  Air Emission Source  G-04-001 Revison 1  NA  NA  Hazardous Waste - Registration or Permit  EXPO00822049  NA  VI. DISCHARGE MONITORING REPORTS (DMRs)  KPDES permit holders are required to submit DMRs to the Division of Water on a regular schedule (as defined by the KPDES permit). Information in this section serves to specifically identify the name and telephone number of the DMR official and the DMR official Telephone Number:  DMR Official Telephone Number:  270-688-6953  DMR Mailing Address:  Mr. Doug Webster  DMR Mailing Name:  Mr. Doug Webster  Mr. Doug Webster  Mr. Doug Webster  Mr. Doug Webster	Certification Class:		Certification Number:	
Issue Date of Current Permit:   Expiration Date of Current Permit:   KY0999546   February 01, 2005   January 31, 2010	IM		INA	
Issue Date of Current Permit:   Expiration Date of Current Permit:   KY0999546   February 01, 2005   January 31, 2010	V EXISTING ENVIRONMENTAL PE	PMITS		
Number of Times Permit Reissued: Unknown Kentucky DOW Operational Permit #: NA Which of the following additional environmental permit/registration categories will also apply to this facility?  CATEGORY EXISTING PERMIT WITH NO. Air Emission Source G-04-001 Revison 1 NA NA  VI. DISCHARGE MONITORING REPORTS (DMRs)  KYD000822049 NA  VI. DISCHARGE MONITORING REPORTS (DMRs)  KYDES permit holders are required to submit DMRs to the Division of Water on a regular schedule (as defined by the KPDES permit). Information in this section serves to specifically identify the name and telephone number of the DMR official and the DMR mailing address (if different from the primary mailing address in Section I.C).  A. DMR Official (i.e., the department, office or individual designated as responsible for submitting DMR forms to the Division of Water)  DMR Official Telephone Number:  DMR Mailing Address:  Address the Division of Water will use to mail DMR forms (if different from mailing address in Section I.C), or Contact address if another individual, company, laboratory, etc. completes DMRs for you; e.g., contract laboratory address.  DMR Mailing Name:  Mr. Doug Webster  DMR Mailing Name:  Mr. Doug Webster			nit:	Expiration Date of Current Permit:
Unknown Kentucky DOW Operational Permit #: NA NA Which of the following additional environmental permit/registration categories will also apply to this facility?  CATEGORY EXISTING PERMIT WITH NO. PERMIT NEEDED WITH PLANNED APPLICATION DATE  Air Emission Source G-04-001 Revison 1 NA NA NA  VI. DISCHARGE MONITORING REPORTS (DMRs)  KPDES permit holders are required to submit DMRs to the Division of Water on a regular schedule (as defined by the KPDES permit). Information in this section serves to specifically identify the name and telephone number of the DMR official and the DMR mailing address (if different from the primary mailing address in Section I.C).  A. DMR Official (i.e., the department, office or individual designated as responsible for submitting DMR forms to the Division of Water)  DMR Official Telephone Number:  270-688-6953  B. DMR Mailing Address:  Address the Division of Water will use to mail DMR forms (if different from mailing address in Section I.C), or Contact address if another individual, company, laboratory, etc. completes DMRs for you; e.g., contract laboratory address.  Mr. Doug Webster  DMR Mailing Name:  Mr. Doug Webster		February 01, 2005		
Rentucky DOW Operational Permit #:   Rentucky DSMRE Permit Number(s):   NA	Number of Times Permit Reissued:	Date of Original Permit Iss	suance:	Sludge Disposal Permit Number:
Which of the following additional environmental permit/registration categories will also apply to this facility?  CATEGORY  EXISTING PERMIT WITH NO.  PERMIT NEEDED WITH PLANNED APPLICATION DATE  Air Emission Source  G-04-001 Revison 1  NA  NA  Hazardous Waste - Registration or Permit  KYD000822049  NA  VI. DISCHARGE MONITORING REPORTS (DMRs)  KPDES permit holders are required to submit DMRs to the Division of Water on a regular schedule (as defined by the KPDES permit). Information in this section serves to specifically identify the name and telephone number of the DMR official and the DMR mailing address (if different from the primary mailing address in Section I.C).  A. DMR Official (i.e., the department, office or individual designated as responsible for submitting DMR forms to the Division of Water):  DMR Official Telephone Number:  270-688-6953  B. DMR Mailing Address:  • Address the Division of Water will use to mail DMR forms (if different from mailing address in Section I.C), or  • Contact address if another individual, company, laboratory, etc. completes DMRs for you; e.g., contract laboratory address.  DMR Mailing Name:  Mr. Doug Webster  DMR Mailing Address:  3800 Frederica Street			Number(s):	NA .
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Air Emission Source  G-04-001 Revison 1  NA  NA  Hazardous Waste - Registration or Permit KYD000822049  NA  VI. DISCHARGE MONITORING REPORTS (DMRs)  KPDES permit holders are required to submit DMRs to the Division of Water on a regular schedule (as defined by the KPDES permit). Information in this section serves to specifically identify the name and telephone number of the DMR official and the DMR mailing address (if different from the primary mailing address in Section I.C).  A. DMR Official (i.e., the department, office or individual designated as responsible for submitting DMR forms to the Division of Water):  DMR Official Telephone Number:  270-688-6953  B. DMR Mailing Address:  • Address the Division of Water will use to mail DMR forms (if different from mailing address in Section I.C), or  • Contact address if another individual, company, laboratory, etc. completes DMRs for you; e.g., contract laboratory address.  DMR Mailing Name:  Mr. Doug Webster  DMR Mailing Address:  3800 Frederica Street		······································		
Air Emission Source  G-04-001 Revison 1  NA  Solid or Special Waste  Hazardous Waste - Registration or Permit  KYD000822049  NA  VI. DISCHARGE MONITORING REPORTS (DMRs)  KPDES permit holders are required to submit DMRs to the Division of Water on a regular schedule (as defined by the KPDES permit). Information in this section serves to specifically identify the name and telephone number of the DMR official and the DMR mailing address (if different from the primary mailing address in Section I.C).  A. DMR Official (i.e., the department, office or individual designated as responsible for submitting DMR forms to the Division of Water):  DMR Official Telephone Number:  270-688-6953  B. DMR Mailing Address:  • Address the Division of Water will use to mail DMR forms (if different from mailing address in Section I.C), or • Contact address if another individual, company, laboratory, etc. completes DMRs for you; e.g., contract laboratory address.  DMR Mailing Name:  Mr. Doug Webster  DMR Mailing Address:  3800 Frederica Street	Which of the following additional environ	mental permit/registratio	n categories will also a	pply to this facility?
Solid or Special Waste    Hazardous Waste - Registration or Permit    KYD000822049    NA  VI. DISCHARGE MONITORING REPORTS (DMRs)  KPDES permit holders are required to submit DMRs to the Division of Water on a regular schedule (as defined by the KPDES permit). Information in this section serves to specifically identify the name and telephone number of the DMR official and the DMR mailing address (if different from the primary mailing address in Section I.C).  A. DMR Official (i.e., the department, office or individual designated as responsible for submitting DMR forms to the Division of Water):  DMR Official Telephone Number:    270-688-6953  B. DMR Mailing Address:  • Address the Division of Water will use to mail DMR forms (if different from mailing address in Section I.C), or  • Contact address if another individual, company, laboratory, etc. completes DMRs for you; e.g., contract laboratory address.  DMR Mailing Name:    Mr. Doug Webster  DMR Mailing Address:   3800 Frederica Street	CATEGORY	EXISTING PER	MIT WITH NO.	
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designated as responsible for submitting DMR forms to the Division of Water):  Environmental Compliance and Remediation (Doug Webster)  270-688-6953  B. DMR Mailing Address:  Address the Division of Water will use to mail DMR forms (if different from mailing address in Section I.C), or  Contact address if another individual, company, laboratory, etc. completes DMRs for you; e.g., contract laboratory address.  DMR Mailing Name:  Mr. Doug Webster  DMR Mailing Address:  3800 Frederica Street	permit). Information in this section serves	to specifically identify	the name and telephone	egular schedule (as defined by the KPDES e number of the DMR official and the DMR
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<ul> <li>Address the Division of Water will use to mail DMR forms (if different from mailing address in Section I.C), or</li> <li>Contact address if another individual, company, laboratory, etc. completes DMRs for you; e.g., contract laboratory address.</li> <li>DMR Mailing Name: Mr. Doug Webster</li> <li>DMR Mailing Address: 3800 Frederica Street</li> </ul>	DMR Official Telephone Number:			
DMR Mailing Address: 3800 Frederica Street	<ul> <li>Address the Division of Water will</li> </ul>	ll use to mail DMR form ual, company, laboratory	s (if different from ma v, etc. completes DMRs	iling address in Section I.C), or for you; e.g., contract laboratory address.
	DMR Mailing Name:	Mr. Doug Webster		
DMR Mailing City, State, Zip Code: Owensboro, KY 42301	DMR Mailing Address:	3800 Frederica Street		
	DMR Mailing City, State, Zip Code:	Owensboro, KY 42301		

VII. APPLICATION FILING FEE	
VIII ALL LICATION FILING FEE	

KPDES regulations require that a permit applicant pay an application filing fee equal to twenty percent of the permit base fee. Please examine the base and filing fees listed below and in the Form 1 instructions and enclose a check payable to "Kentucky State Treasurer" for the appropriate amount (for permit renewals, please include the KPDES permit number on the check to ensure proper crediting). Descriptions of the base fee amounts are given in the "General Instructions."

Facility Fee Category:	Filing Fee Enclosed:	
Non-Process Industry	 \$200	

### VIII. CERTIFICATION

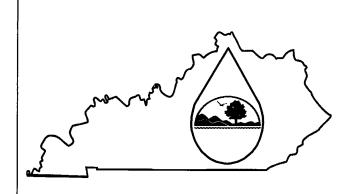
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME AND OFFICIAL TITLE (type or print):	TELEPHONE NUMBER (area code and number):
Mr. Ms. David Goodwin; VP Compliance and Ops Services	713-479-8235
SIGNATURE	DATE:
Dad Soul	7/24/09

Return completed application form and attachments to: KPDES Branch, Division of Water, Frankfort Office Park, 14 Reilly Road, Frankfort, KY 40601. Direct questions to: KPDES Branch at (502) 564-3410.

# **KPDES FORM F**





## KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

### PERMIT APPLICATION

A complete application consists of this form and Form 1. For additional information, Contact KPDES Branch, (502) 564-3410.

AGENCY USE

For each outfall list the latitu	de and longit	tude of its le	ocation to th	e nearest 1:	5 seconds a	nd name the	e receiving water.
A. Outfall Number		B. Latitu	de		C. Longiti	ıde	D. Receiving Water (name)
001	37°	18'	20"	87°	14'	10"	Tributary to Cypress Creek
002	37°	18'	20"	87°	14'	10"	Tributary to Cypress Creek
,						<u> </u>	
				-			

### II. IMPROVEMENTS

I. OUTFALL LOCATION

A. Are you now required by any federal, state, or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

I. Identification of Conditions,     Agreements, Etc.	tions, 2. Affected Outfalls No. Source of Discharge		3. Brief Description of Project		4. Final Compliance Date		
N/A	NA	NA	NA	NA	NA		
	<u> </u>						

B. You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

### III. SITE DRAINAGE MAP

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfall(s) covered in the application if a topographic map is unavailable) depicting the facility including: each of its intake and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall, each know past or present areas used for outdoor storage or disposal of significant materials, each existing structural control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage of disposal units (including each area not required to have a RCRA permit which is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which receive storm water discharges from the facility.

IV. NARRA	TIVE DES	CRIPTION OF POLLUTA	NT SOURCES				
		I, provide an estimate o		s) of imperv	ous surfaces (in	cluding paved area	as and building roofs)
drained to		l, and an estimate of the					
Outfall Number		Area of Impervious  Irface (provide units)	Total Area Drained (provide units)	Outfall Number		Impervious rovide units)	Total Area Drained (provide units)
001		res for entire facility	6.45 acres	NA	NA NA	ioride dinia)	NA
002			6.45 acres				
dispos manag areas; See Attach	ed in a neement prand the loment F-1.	ll, provide the location	are to storm water; me inimize contact by the quency in which pestic	ethod of trea se materials cides, herbici	tment, storage, with storm wated des, soil condition	or disposal; past a er runoff; material oners, and fertilize	and present materials ls loading and access rs are applied.
	enance for	orm water runoff; and a r control and treatment r					
Numb 001	er	No treatment via struc		atment			Table F-1
		TER DISCHARGES					
		penalty of law that the o					
		ges, and that all non-storion for the outfall.	rm water discharges ir	om tnese ou	iaii(s) are identi	ned in either an ac	ccompanying Form C
Name and Of	ficial Title (	(type or print)	Signature			Dat	e Signed
David Goo	odwin -V	P Compliance & Ops		0		7 3	14-09
Del vices			Sant Do	od-		(-2	<del></del>
B. Provid a test.	le a descri	iption of the method use	ed, the date of any testi	ng, and the o	nsite drainage po	oints that were dir	ectly observed during
No testing	conducte	d. Certification based o	n historical evaluations	s of the static	n for KPDES pr	ogram.	
VI. SIGNIFI	ICANT LE	AKS OR SPILLS					
Provide exi	isting info	ormation regarding the h					
three years. See Attach		g the approximate date	and location of the spil	l or leak, and	the type and an	nount of material r	released.
See Attach	ment F-1.						

Provided. Tables F-1, F-2, and F E: Potential discharges not courrently use or manufacture as a  Yes (list all such pollutant A list of the pollutants includes, but is no	fore proceeding. Complete one set 6-3 are included on separate pages. covered by analysis - is any toxic an intermediate or final product or s below)	pollutant listed in Tab by product. go to Section IX) site siding), various metals in	ole F-2, F-3	, or F-4, a substance which you
VIII. BIOLOGICAL TOXICITY TES	STING DATA			
Do you have any knowledge or discharges or on a receiving water	reason to believe that any biologier in relation to your discharge wit		ronic toxicit	y has been made on any of your
Yes (list all such results below	ow) 🛛 No (	go to Section IX)		
IV. CONTRACT ANALYSIS INFOR	MATYON			
Were any of the analyses reporte	d in item VII performed by a contr	ract laboratory or consu	ılting firm?	
_	i telephone number of, and pollutants analy	·	_	use additional sheets if necessary).
A. Name	B. Address	C. Area Code & Pho	one No.	D. Pollutants Analyzed
McCoy and McCoy Laboratories, Inc	821 Industrial Road Madisonville, KY 43431	(270) 821-7375		BOD5, COD, Oil and Grease, Nitrate- Nitrite, Total Phosphorus, TSS, TKN
X. CERTIFICATION				
with a system designed to assure of the person or persons who ma submitted is, to the best of my k	at this document and all attachme that qualified personnel properly a anage the system or those persons nowledge and belief, true, accurate uding the possibility of fine and in	gather and evaluate the directly responsible fo te, and complete. I am	information or gathering aware that t	submitted. Based on my inquiry the information, the information here are significant penalties for
NAME & OFFICIAL TITLE (				DDE AND PHONE NO.
David Goodwin -VP Compliane	ce & Ops Services		(713) 479-	
SIGNATURE			DATE SIG	GNED
Del Son	<u></u>		7/	24/09

### VII. DISCHARGE INFORMATION

OUTFALL NO: 001

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details

		m Values le units)		e Values le units)		
Pollutant and CAS Number (if available)	Grab Sample Taken During 1 <sup>st</sup> 20 Minutes	Flow-weighted Composite	Grab Sample Taken During 1 <sup>st</sup> 20 Minutes	Flow-weighted Composite	Number of Storm Events Sampled	Sources of Pollutants
Oil and Grease	2.7 mg/L	N/A	0.5 mg/L	N/A	25	N/A
Biological Oxygen Demand BOD <sub>5</sub>	<2.0 mg/L	N/A	N/A	N/A	1	N/A
Chemical Oxygen Demand (COD)	42.2 mg/L	N/A	11.7 mg/L	N/A	25	N/A
Total Suspended Solids (TSS)	25.0 mg/L	N/A	2.9 mg/L	N/A	25	N/A
Total Kjeldahl Nitrogen	<1.0 mg/L	N/A	N/A	N/A	1	N/A
Nitrate plus Nitrite Nitrogen	<0.1 mg/L	N/A	N/A	N/A	1	N/A
Total Phosphorus	0.01 mg/L	N/A	N/A	N/A	1	N/A
pН	Minimum 6.1	Maximum 8.1	Minimum NA	Maximum NA	21	N/A

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's KPDES permit for its process wastewater (if the facility is operating under an existing KPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Maximum Values (include units)		(includ	e Values le units)		
Grab Sample Taken During 1 <sup>st</sup> 20 Minutes	Flow-weighted Composite	Grab Sample Taken During 1st 20 Minutes	Flow-weighted Composite	Number of Storm Events Sampled	Sources of Pollutants
					V 10/00/4-01 00/4
		(include units)	(include units) (includ	(include units) (include units)  Grab Sample Grab Sample	(include units) (include units)  Grab Sample Grab Sample Number of

	Maximum Values (include units)		Average (include	Values units)		
Pollutant and CAS Number (if available)	Grab Sample Taken During 1 <sup>st</sup> 20 Minutes	Flow-weighted Composite	Grab Sample Taken During 1 <sup>st</sup> 20 Minutes	Flow-weighted Composite	Number of Storm Events Sampled	Sources of Pollutants
N/A						
	-					
				-		
						-
				· · · .		
						·
Part D. Provide date	for the starrantt(-) -1	-1 14-1 ' d				
1.	2.	3.	num values for the flow-we	ighted composite sam 5.	pie.	6.
Date of Storm Event	Duration of Storm Event	Total rainfall	Number of hours	Maximum flow	Total fle	ow from rain
Storm Event	(in minutes)	during storm event (in inches)	between beginning of storm measured and	rate during rain event	event	(gallons or ify units)
	·	<u> </u>	end of previous	(gal/min or	- Spec	,
NA	NA	NA	measurable rain event	specify units) NA	NA	
Drovido - d						
. Provide a descripti	on of the method of flow	measurement or estimat	e			

### VII. DISCHARGE INFORMATION

OUTFALL NO: 002

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

	Maximum Values (include units)		Average Values (include units)			
Pollutant and CAS Number (if available)	Grab Sample Taken During 1 <sup>st</sup> 20 Minutes	Flow-weighted Composite	Grab Sample Taken During 1 <sup>st</sup> 20 Minutes	Flow-weighted Composite	Number of Storm Events Sampled	Sources of Pollutants
Oil and Grease	2.3 mg/L	N/A	0.3 mg/L	N/A	25	N/A
Biological Oxygen Demand BOD <sub>5</sub>	<2.0 mg/L	N/A	N/A	N/A	1	N/A
Chemical Oxygen Demand (COD)	25.9 mg/L	N/A	11.2 mg/L	N/A	25	N/A
Total Suspended Solids (TSS)	15.0 mg/L	N/A	2.9 mg/L	N/A	25	N/A
Total Kjeldahl Nitrogen	<1.0 mg/L	N/A	N/A	N/A	1	N/A
Nitrate plus Nitrite Nitrogen	<0.1 mg/L	N/A	N/A	N/A	ı	N/A
Total Phosphorus	0.01 mg/L	N/A	N/A	N/A	1	N/A
рН	Minimum 6.0	Maximum 8.8	Minimum NA	Maximum NA	22	N/A

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's KPDES permit for its process wastewater (if the facility is operating under an existing KPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

requirements.	Maximum Values (include units)		Average Values (include units)			
Pollutant and CAS Number (if available)	Grab Sample Taken During 1 <sup>st</sup> 20 Minutes	Flow-weighted Composite	Grab Sample Taken During 1 <sup>st</sup> 20 Minutes	Flow-weighted Composite	Number of Storm Events Sampled	Sources of Pollutants
N/A						
				100		
_						
<del> </del>						
		****				

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)			
	Grab Sample Taken During 1 <sup>st</sup> 20 Minutes	Flow-weighted Composite	Grab Sample Taken During 1 <sup>st</sup> 20 Minutes	Flow-weighted Composite	Number of Storm Events Sampled	Sources of Pollutants
N/A						
					<del>                                     </del>	
			<u> </u>			
Part D - Provide data	for the storm event(s) wh	ch resulted in the maxic	num values for the flow-we	ighted composite san	l l	
1.	2.	3.	4.	5.		6.
Date of Storm Event	Duration of Storm Event	Total rainfall during storm	Number of hours between beginning of	Maximum flow rate during		ow from rain (gallons or
	(in minutes)	event (in inches)	storm measured and end of previous	rain event		ify units)
			measurable rain event	(gal/min or specify units)		
NA	NA	NA	NA	NA	NA	
	on of the method of flow	measurement or estimat	ė.			
NA						

### **Comments**

### Texas Gas Transmission, LLC

### **Midland II Compressor Station**

**KPDES No.: KY0099546** 

**Comment 1:** Texas Gas requests that discharges from hydrostatic tests conducted within the station yard be re-permitted in accordance with the terms of existing permit KY0074837.

Comment 2: Confidence 10C is used as a corrosion inhibitor in the boiler water system. The boiler system typically operates as a closed loop. However, either via upsets or periodic draining of the boiler, boiler system water occasionally enters the wastewater collection system. This wastewater will be hauled off for proper treatment and disposal.

Comment 3: Engine cooling systems are typically operated as a closed loop system. Upsets of this system may introduce cooling water into the industrial wastewater collection system. Should this occur, the industrial wastewater will be hauled off for proper treatment and disposal.

### **Attachment F-1**

### Texas Gas Transmission, LLC

### Midland II Compressor Station

**KPDES No.: KY0099546** 

### Section IV. Narrative Description of Pollutant Sources

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; past and present materials management practices employed to minimize contact by these materials with storm water runoff; materials loading and access areas; and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

The Midland II Compressor Station is not currently nor has it in the past three years treated, stored, or disposed of significant materials in a manner to allow exposure to stormwater. The station generates or utilizes and bulk stores various finished product materials for equipment operation in aboveground tanks, including scrubber fluid (natural gas condensate), lube oil, and ethylene glycol. In addition, smaller quantities of lube oils, mineral spirits, paints, pipe coating materials, soaps, and detergents are stored in 1 to 55 gallon containers at various locations on the site for routine station operations. Under normal operating conditions, these materials are securely stored in covered buildings or equipment sheds until use or disposal. Material storage, transfer, and use are currently addressed under the station's SPCC Plan, Groundwater Protection Plan, KPDES-required Best Management Plan (BMP), and RCRA Contingency Plan.

The majority of station natural gas transmission operations are conducted within a fenced area. Pesticides, herbicides, and soil conditioners or fertilizers, if utilized, are applied in accordance with product labels. Offices and other structures may be treated with pesticides on an as-needed basis. Where possible, all herbicides and fertilizers are applied by truck. In areas with limited access, these materials are applied by hand.

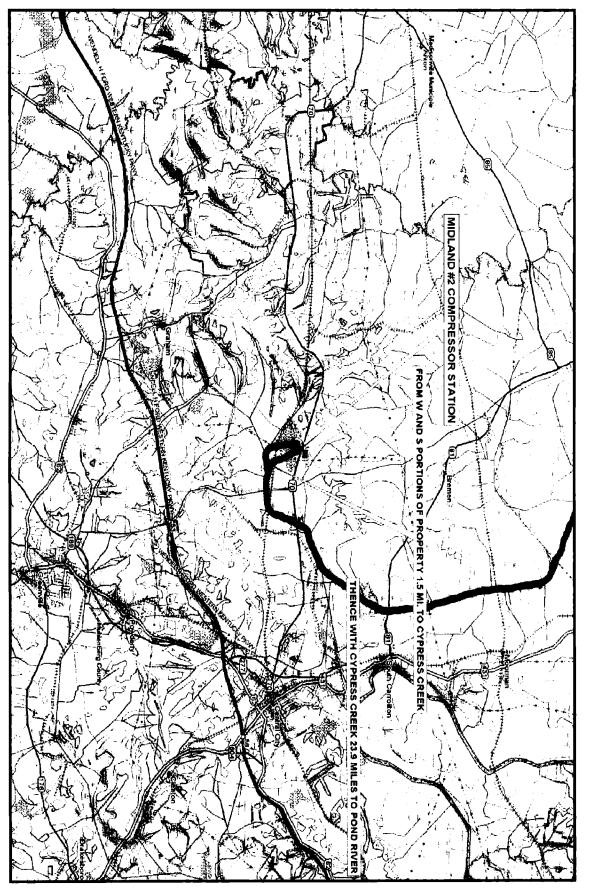
### Section VI. Significant Leaks or Spills

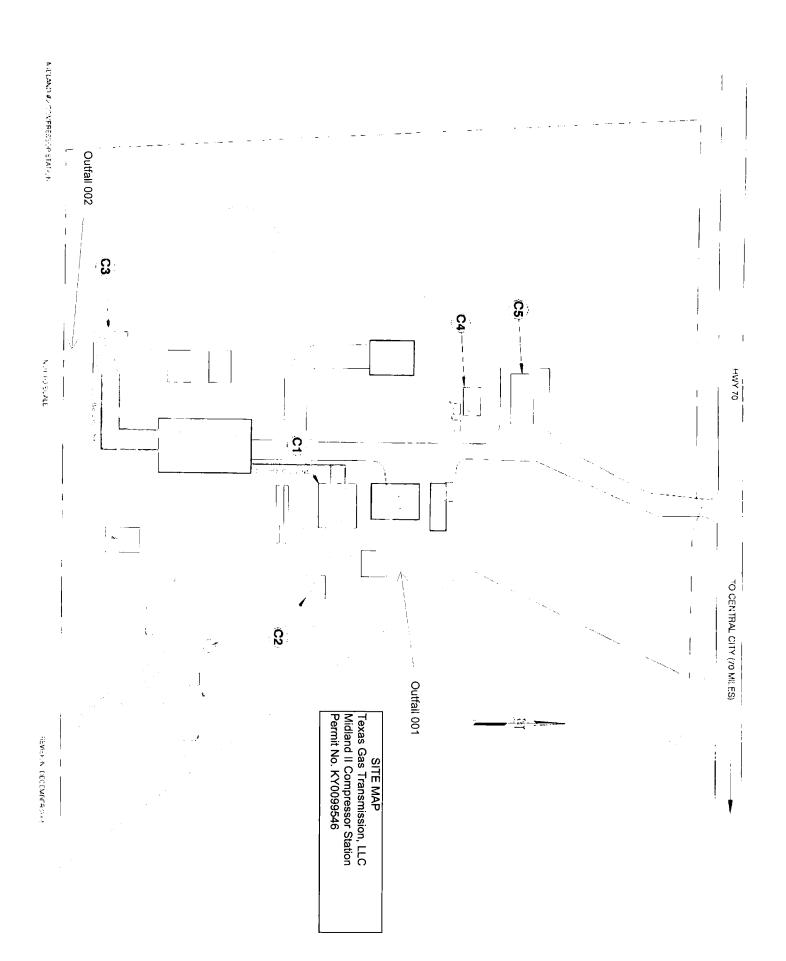
Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

There were no significant leaks or spills at the Midland II Compressor Station during the past three years.

# SITE LOCATION AND DRAINAGE MAP

Texas Gas Transmission, LLC Midland II Compressor Station Permit Number: KY0099546





# Site Specific Storage Activities Texas Gas Transmission, LLC Midland II Compressor Station Permit Number: KY0099546

Tank No.	Contents	Gallons	Secondary
			Containment
	Split Tank		Concrete Dike with
1	Lube Oil/Glycol	6,405	Concrete Floor
			Concrete Dike with
2	Lube Oil	6,496	Concrete Floor
			Concrete Dike with
3	Pipeline Condensate	4,400	Concrete Floor
			Concrete Dike with
4	Used Oil	1,275	Concrete Floor
			Concrete Dike with
5_	Wastewater	1,275	Concrete Floor
			Concrete Dike with
6	Glycol	2,712	Concrete Floor
			Concrete Dike with
7	Methanol	4,456	Concrete Floor

NOTE: The location of these activities is shown on the "Site Map."

### MATERIAL SAFETY DATA SHEET

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CONFIDENCE 10 C

MSDS ID: 00935

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION .

Product Name: CONFIDENCE 10C

Product Descriptor: BOILER TREATMENT MANUFACTURER: JOHNSONDIVERSEY, INC.

3630 E. KEMPER ROAD CINCINNATI, OH. 45241 EMERGENCY PHONE NUMBER: (800)851-7145

	II. HAZARDOUS CO	MPONENTS		
Component Name	CAS Number	<b>\$</b>	Exposure Limits	Units
DIETHYLAMINO ETHANOL POTASSIUM HYDROXIDE SODIUM HYDROXIDE	100-37-8 1310-58-3 1310-73-2	1 - 5% 5 - 15% 1 - 5%	TWA 10 (kin) TWA - C TLV-C	PPM MG/M3 MG/M3

### III. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW:

CORROSIVE - Contains strong alkali. Causes severe burn to skill and eyes. May be fatal if swallowed. Do not contact eyes, skin or clothing. Wear goggles, face shield, rubber gloves, and protective clothing and boots then handling product. Avoid breathing dust or spray mist. Contain spill or runoff, which may cause environmental damage. Contact with aluminum or soft metals may release flammable hydrogen fumes.

POSSIBLE ROUTES OF ENTRY: All Routes of Entry/Exposure

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE:

EYES: Severe burns, tissue damage, or irritation with pain, swelling, blurred or impaired vision, blindness. SKIN: Severe burns, tissue destruction, blisters or rash with swelling and pain. INGESTION: May be fatal. Severe burns to mouth and throat may result with pain, gastric perforation and difficulty in swallowing or breathing. INHALATION: Spray or mists cause burns or severe irritation to nose, throat and respiratory tract with pain, choking, and experience difficulty in breathing.

CHRONIC: Same as acute effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis. sensitive skin, pulmonary function and asthma.

TARGET ORGAN(S) OF CHEMICAL HAZARD(S): Eyes, skin, respiratory tract, and gastrointestinal tract.

### IV. FIRST AID MEASURES

EYES:

Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids apart to completely flush all chemicals from

entire eve surface. Get immediate medical attentiom.

SKIN:

Flush thoroughly with plenty of water. Wash with mild soap and water. Remove contaminated clothes and shoes and clean before

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CONFIDENCE 10 C MSDS ID: 00935

hazard.

### IV. FIRST AID MEASURES (Cont.)

reuse. Get medical attention for any painful, red or injured

skin.

INGESTION: If swallowed, rinse mouth with water. Dilute by dainking several

glasses of water. DO NOT induce vomiting. If patment vomits, rerinse mouth. Get immediate medical attention. MOIE: Never

give fluids by mouth to an unconscious person.

INHALATION: If inhaled, move to fresh air. If patient is not #reathing, give artificial respiration. If breathing is difficult give oxygen under the direction of trained personnel or a physecian. Get

immediate medical attention.

### V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): NONE FLAME EXTENSION: N/A FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: NONE UEL: NONE UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Toxic fumes or vapor may form during fire. EXTINGUISHING MEDIA: Water, water spray, CO2, foam or dry powder. FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus SCBA) in fire area. SPECIAL INSTRUCTIONS: Spilled product may cause slippery surface and fall

### VI. ACCIDENTAL RELEASE MEASURES

### IF MATERIAL IS RELEASED OR SPILLED:

Confine spilled product to prevent environmental contamination Keep out of storm sewers or surface waters. Small amount should be swept ar mopped up and used for related cleaning tasks where possible. Larger amounts should be absorbed on vermiculite, clay, etc., and disposed in accordance with local, State and Federal regulations.

This product does not contain a reportable quantity (RQ) under TCERCLA.

### VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Store in a cool, dry area, keep away from acids. Keep container closed when not in use. Wear protective gear when handling or using. Do not pressurize container to empty.

### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Face shields.

PROTECTIVE GLOVES: Alkali resistant.

RESPIRATORY PROTECTION: Product does not have any established exposure limits. NIOSH/MSHA approved respirator recommended in enclosed or confined spaces where high air concentration or long exposure may occur.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: Wear chemical resistant agron when handling. Eyewash and safety shower in area if contact or splash hazard exists.

ENGINEERING CONTROLS:

VENTILATION: Good general ventilation should be sufficient to control airborne

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CONFIDENCE 10 C

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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION (Cont.

levels.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Amber liquid, mild amine odor.

BOILING POINT (DEG F): 215

SPECIFIC GRAVITY/BULK DENSITY: 1.18

pH: 14.01

VOLATILE BY VOLUME: 81.13 SOLUBILITY IN WATER: Soluble

VAPOR PRESSURE (mmHg): 17.5

at 20 C

VAPOR DENSITY: 17.3

FREEZING POINT: D C

pH 1% SOLUTION: 12

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Acids; Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms;

carbon; oxides of sulfur; oxides of nitrogen

HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING: Toxicological testing has not been performed on the product. Listed below is the available Eoxicology test

data for components of the product.

TOXICITY TEST DATA:

Sodium Hydroxide:

Acute Oral LD50 (rat) 500 mg/kg (RIECS)

Acute Skin LD50 (rabbit) 1350 mg/kg (MSI)

Potassium Hydroxide:

Acute Oral LD50 (rat) - 365 mg/kg (RTECS)

Acute Skin LD50 (rabbit) - 1260 mg/kg (MSI

Diethylamino ethanol:

Intraperitoneal LD50 1220 mg/kg (rat) Dermal LD50 1260 mg/kg (rabbit) Dermal LD50 (Guinea pig) 1000 mg/kg Oral LD50 1300 mg/kg (rat) Intraperitoneal LD50 1561 mg/kg (mouse) Intramuscular LD50 (mouse) 416 mg/kg Subcutaneous LD50 (mouse) 308 mg/kg

XII. ECOLOGICAL INFORMATION

Toxicological testing has not been performed on the product. Hested below is the available toxicology test data for components of the product. ECOTOXICITY TEST DATA:

Potassium Hydroxide:

Acute LC50 (96 hr.) (Pimephles promelas) - 179 mg/l

Acute LC50 (96 hr.) (Daphnia magna) - 60 mg/l

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### XII. ECOLOGICAL INFORMATION (Cont.)

Diethylamino Ethanol:

LC50 (96 hr) (Pimephales promelas) 1780 mg/l

ENVIRONMENTAL FATE: No data available.

### XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: CONCENTRATED PRODUCT WOULD BE CONSIDERED D002 - CORROSIVE, IF DECLARED HAZARDOUS WASTE.

Spent or excess product is hazardous waste. Do not discharge to sewer or environment. Arrange disposal through a licensed disposal commany or treat by special Waste Disposal Sheet. Recycle or dispose of containers by product labeling or governmental regulations.

### XIV. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up 10 date shipping information.

### XV. REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA: All ingredients in this product are on TSCA inventory.

HAPS: NONE

VOC CONTENT (EPA Method 24A): % VOC: 2.67 Lb/Gal VOC: 0.255

CERCLA/EPCRA:

Section 313 Toxic Chemicals:

NONE

SARA Section 311/312:

ACUTE: YES

CHRONIC: NO FIRE:NO REACTIVITY: NO

SUDDEN RELEASE OF PRESSURE:NO

LISTED CARCINGEN: NONE

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: D

NFPA RATING: HEALTH: 3 FIRE: 0 REACTIVITY: 0 SPECIAL ALKALINE

STATE RIGHT-TO-KNOW INFORMATION:

POTASSIUM HYDROXIDE - CAS #1310-58-3

SODIUM HYDROXIDE - CAS #1310-73-2

WATER - CAS #7732-18-5

SODIUM SULFITE - CAS #7757-83-7

DIETHYLAMINO ETHANOL - CAS #100-37-8

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

### XVI. OTHER INFORMATION

Disclaimer: The information contained in this material safety data sheet is based on the knowledge of this specific product and current nafional legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any other

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	XVI. OTHER INFORMATION (Cont.)		

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materials or in a process. It is the user's responsibility to evaluate the handling, and use.